

# ABSTRACT

The invention relates to a method for aerating a number of membrane modules of a membrane filtering installation operating in a submerged area. Air or a gas is supplied from a common source to the membrane modules and rises in the form of bubbles in the liquid to be purified. On-off valves are placed in the supply lines leading to the membrane modules whereby enabling or preventing the supply of air to an assigned membrane module. In a first method step, when all other membrane modules are closed, the on-off valve assigned to a first membrane module is additionally opened. At the beginning of a second method step, the on-off valve assigned to a second membrane module is opened whereby causing the formation of two partial air flows. At the beginning of a third method step, all membrane modules are aerated in succession until the aeration cycle in the first membrane module starts again.